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## FAX COVER SHEET

To: Commissioner for Patents

From: ROBERT WALLACE

To: EXAMINER M. ARANCIBIA

CONFIRMATION COPY  
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Group No.: 1763

Telephone: 571-272-1219

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Document Transmitted: AMENDED RESPONSE TO ELECTION/RESTRICTION  
DATED 09-12-2005

Applicant: COLLINS, ET AL.

Examiner: MAUREEN ARANCIBIA

Serial No.: 10/646, 528

Group Art Unit: 1763

Filed: 08/22/2003

Docket No.: 006915/POS

Title: PLASMA IMMERSION ION IMPLANTATION  
APPARATUS INCLUDING AN INDUCTIVELY COUPLED ...

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|---|----------------------|------------------------|------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number   | 10/646,528             |            |
|   | Filing Date          | August 22, 2003        |            |
|   | First Named Inventor | Kenneth COLLINS        |            |
|   | Art Unit             | 1763                   |            |
|   | Examiner Name        | Maureen G. Arancibia   |            |
| Total Number of Pages In This Submission  | 19                   | Attorney Docket Number | 006915/P05 |

| ENCLOSURES (Check all that apply)  |  |  |
|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks  |  |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                                 |          |        |
|--|---------------------------------|----------|--------|
| Firm Name                                  | Law Office of Robert M. Wallace |          |        |
| Signature                                  | <i>Robert M. Wallace</i>        |          |        |
| Printed name                               | Robert M. Wallace               |          |        |
| Date                                       | March 15, 2006                  | Reg. No. | 29,119 |

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| Typed or printed name   | Shelly Hart        |
| Date  | March 15, 2006     |

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Date Name

PATENT

Attorney Docket No. 006915/P05  
RW Ref. No.: APM/001-02-CP1-5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: )  
Kenneth COLLINS, et al. )  
 )  
Entitled: PLASMA IMMERSION ION ) Group Art Unit: 1763  
IMPLANTATION APPARATUS INCLUDING AN )  
INDUCTIVELY COUPLED PLASMA SOURCE )  
HAVING LOW DISSOCIATION AND LOW )  
MINIMUM PLASMA VOLTAGE ) Examiner: Maureen G.  
 ) Arancibia  
Application Serial No.: 10/646,528 )  
 )  
Application Filing Date: )  
August 22, 2003 )

LETTER ACCOMPANYING AMENDED RESPONSE TO ELECTION/RESTRICTION  
DATED 09/12/2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The undersigned wishes to thank the Examiner and her supervisor for their kindness and helpfulness in today's telephone interview. To confirm the substance of that interview, the Examiner has not yet acted on this application and the undersigned expressed his wish during the telephone interview to change the election of the species of FIGS. 97 and 98 (Species V) and cancel the prior election of Species I (FIG. 86). The Examiner kindly agreed to this change. Therefore, Applicants elect to prosecute the species of Group V (only). It appears that the claims reading on FIGS. 97 and 98 (Group V) are Claims 1-10, 12, 29-33, and 49-53. Applicants amended response to the Election/restriction dated 09/12/2005 is attached hereto.

The Examiner stated she will memorialize the substance of the foregoing interview as a part of the official record.

Respectfully submitted,



Robert M. Wallace  
Registration No. 29,119  
Attorney for Applicants  
Customer No. 000044843

Dated: March 15, 2006

Robert M. Wallace  
Patent Attorney  
2112 Eastman Avenue, Suite 102  
Ventura, CA 93003  
(805) 644-4035

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PATENT

Attorney Docket No.: 006915 P05  
RW Ref. No.: APM/001-02-CP1-5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kenneth COLLINS, et al.

Serial No.: 10/646,528

Examiner: Maureen G. Arancibia

Filed: August 22, 2003

Group Art Unit: 1763

For: PLASMA IMMERSION ION IMPLANTATION APPARATUS INCLUDING  
AN INDUCTIVELY COUPLED PLASMA SOURCE HAVING LOW  
DISSOCIATION AND LOW MINIMUM PLASMA VOLTAGE

FURTHER RESPONSE TO ELECTION/RESTRICTIONS TRANSMITTAL

Mail Stop Non-Fee Amendment  
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Alexandria, VA 22313-1450

S I R :

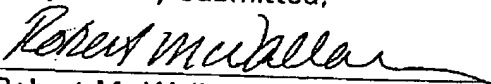
Transmitted herewith is a further response to the Election/Restrictions  
dated September 12, 2005 in the above-identified application. The fee has been  
calculated as shown below.

|   | Claims remain-<br>ing after<br>amendment | Highest number<br>previously paid<br>for | Present<br>extra | Rate    | Additional Fee |
|---|--|--|------------------|---------|----------------|
| Total Claims  | 21 minus                                 | 58 =                                     | 0                | x \$50  | \$000.00       |
| Independent   | 1 minus                                  | 3 =                                      | 0                | x \$200 | \$000.00       |
| If Multiple Dependent Claims Are Present, Add \$360.00        |  |  |                  |         |                |
| (If applicant is a "small entity,"<br>subtract half of total) |  |  |                  |         | \$000.00       |

**Total additional fee  
for this amendment** **\$000.00**

- ☒ [X] No additional fee is required.
- ☐ [ ] A check in the amount of \$ is attached.
- ☒ [X] The Commissioner is hereby authorized to charge any additional fees or deficiencies or credit overpayment to Deposit Account No. 50-0338.

Respectfully submitted,



Robert M. Wallace  
Reg. No. 29,119  
Attorney for Applicants  
Customer No. 000044843

Dated: March 15, 2006

Robert M. Wallace  
Patent Attorney  
2112 Eastman Avenue, Suite 102  
Ventura, CA 93003  
(805) 644-4035

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**MAR 15 2006**

PATENT

Attorney Docket No.: 006915 USA P05

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                  |   |                      |
|----------------------------------|---|----------------------|
| In re Application of:            | : |                      |
| Kenneth COLLINS, et al.          | : |                      |
|                                  | : | Group Art Unit: 1763 |
| Entitled: PLASMA IMMERSION ION   | : |                      |
| IMPLANTATION APPARATUS INCLUDING | : |                      |
| AN INDUCTIVELY COUPLED PLASMA    | : |                      |
| SOURCE HAVING LOW DISSOCIATION   | : |                      |
| AND LOW MINIMUM PLASMA VOLTAGE   | : |                      |
|                                  | : | Examiner: Maureen G. |
| Serial No.: 10/646,528           | : | Arancibia            |
|                                  | : |                      |
| Filing Date: August 22, 2003     | : |                      |

AMENDED RESPONSE TO ELECTION/RESTRICTIONS

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

In further response to the Office Action  
 (Election/Restrictions) dated September 12, 2005, please amend the  
 above-identified patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims  
 which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 13 of this paper.